## SUMMARY REPORT

# MICHIGAN HIGH SCHOOL ATHLETIC ASSOCIATION TASK FORCE ON MULTI-SPORT PARTICIPATION MULTI-SPORT PARTICIPATION SURVEY 

2022-23 School Year

## Introduction:

With the rise of overuse injuries and burnout among young athletes that tend to cause a lifetime of chronic injuries and related health problems, early sport specialization has become one of the most serious issues related to health and safety in all youth sports. In early 2016, the Michigan High School Athletic Association appointed the Task Force on Multi-Sport Participation as part of continued efforts to promote and protect participant health and work to address the issues leading to early sport specialization.

The MHSAA Task Force on Multi-Sport Participation has undertaken the initiative of measuring multi-sport participation in MHSAA member schools for the dual purposes of identifying significant broad themes and recognizing "achievers" - that is, schools that surpass the norm given their enrollment, location, and other factors that affect school sports participation. Identifying schools with high levels of multi-sport participation, as well as trends, and questions that might be researched will help point school-sponsored sports leadership toward policies, procedures, and programming that will tend to increase multi-sport participation and improve the experience of students in interscholastic athletic programs of Michigan and beyond.

With data not collected for the 2019-20 school year because of the COVID-19 pandemic, the Spring of 2023 marked the fifth year of data collection on multi-sport participation among athletes at MHSAA member schools. As done previously, all 750 MHSAA member schools were surveyed regarding multi-sport participation among their athletes - schools were simply asked to identify the total number of individuals who were members of athletic teams in MSHAAsponsored sports and the number of those athletes who participated in more than one MHSAA sponsored sport. As in the previous years, the 2022-23 survey also asked specifically how many sports each athlete played. This summary is based on usable data from the 630 schools responding to the survey.

## Observations:

- Overall response rate was $85.2 \%$ (Table 1). This is consistent with the $85.0 \%$ response rate for 2021-22, 81.5\% response rate for 2020-21, 82.9\% response rate for 2018-19 and the 79.9\% response rate for 2017-18.
- As observed in the first four years of data collection, smaller schools tend to have a higher percentage of their students participating in athletics. This tendency not only holds across classes (Table 2), but also across different enrollments within Class A (Table 5).
- Similarly, smaller schools tend to have a higher percentage of athletes participating on multiple sports teams. This tendency not only holds across classes (Table 3), but also across different enrollments within Class A (Table 6).
- The percentage of athletes participating in multiple sports is higher among boys than girls - this holds across all classes (Table 3) and different enrollments within Class A (Table 6).
- The percentage of athletes participating in multiple sports has remained consistent across all classes over the three years data has been collected:

| CLASS | $\mathbf{2 0 1 7 - 1 8}$ | $\mathbf{2 0 1 8 - 1 9}$ | $\mathbf{2 0 2 0 - 2 1}$ | $\mathbf{2 0 2 1 - 2 2}$ | $\mathbf{2 0 2 2 - 2 3}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A | $35.9 \%$ | $35.4 \%$ | $36.4 \%$ | $36.7 \%$ | $36.9 \%$ |
| B | $46.7 \%$ | $48.7 \%$ | $48.4 \%$ | $49.5 \%$ | $49.6 \%$ |
| C | $55.2 \%$ | $56.7 \%$ | $57.3 \%$ | $58.3 \%$ | $59.0 \%$ |
| D | $58.1 \%$ | $61.8 \%$ | $62.9 \%$ | $60.8 \%$ | $62.5 \%$ |

- Table 4 shows how many sports athletes participated in during the 2022-23 school year. These data support the tendencies described above. Schools with larger enrollments tend to have a higher percentage of single-sport athletes, and the percentage of single sport athletes is higher among girls than boys.
- The percentage of 2 sport athletes is somewhat similar among all classes approximately one-third of athletes participate in two sports (Table 4).
- There is a significant difference in the percentage of 3 sport athletes between classes schools with lower enrollments have a much higher percentage of athletes participating in 3 sports (Table 4).
- Three schools have appeared in the top $10 \%$ of their class for multi-sport participation four times:

| School | Class | Years in Top 10\% |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Battle Creek Harper Creek | A | $2017-18$ | $2018-19$ | $2020-21$ | $2022-23$ |
| Detroit Cody | A/B | $2017-18$ | $2018-19$ | $2021-22$ | $2022-23$ |
| Grand Rapids Northview | A | $2017-18$ | $2018-19$ | $2020-21$ | $2022-23$ |

- Several schools have appeared in the top $10 \%$ of their class for multi-sport participation three times:

|  | Class | School |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Athens | D | $2017-18$ | $2018-19$ | $2020-21$ |
| Decatur | C | $2018-19$ | $2020-21$ | $2022-23$ |
| Detroit Douglass | D | $2018-19$ | $2021-22$ | $2022-23$ |
| East Grand Rapids | A | $2020-21$ | $2021-22$ | $2022-23$ |
| Gibraltar Carlson | A | $2018-19$ | $2020-21$ | $2021-22$ |
| Hamtramck | A | $2018-19$ | $2020-21$ | $2021-22$ |
| Hillsdale Academy | D | $2020-21$ | $2021-22$ | $2022-23$ |
| Holland Calvary | D | $2020-21$ | $2021-22$ | $2022-23$ |
| Kinross Maplewood Baptist | D | $2017-18$ | $2018-19$ | $2021-22$ |
| Livonia Franklin | A | $2018-19$ | $2021-22$ | $2022-23$ |
| Manton | C | $2018-19$ | $2020-21$ | $2022-23$ |
| Marquette | A | $2017-18$ | $2018-19$ | $2022-23$ |
| New Baltimore Anchor Bay | A | $2017-18$ | $2018-19$ | $2020-21$ |
| Ovid-Elsie | B | $2018-19$ | $2020-21$ | $2021-22$ |
| Parma Western | A | $2018-19$ | $2021-22$ | $2022-23$ |
| Warren Fitzgerald | A | $2020-21$ | $2021-22$ | $2022-23$ |
| Warren Lincoln | B | $2017-18$ | $2018-19$ | $2022-23$ |
| Warren Michigan Collegiate | B | $2020-21$ | $2021-22$ | $2022-23$ |

## Survey Data:

Table 1. Multi-Sport Participation Survey Responses by Class

|  | Class A | Class B | Class C | Class D | Combined |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Number of schools surveyed | 187 | 188 | 187 | 188 | 750 |
| Number of responding schools* | 161 | 165 | 158 | 155 | 639 |
| Response rate (\# surveyed / \# responding) | $86.1 \%$ | $87.8 \%$ | $84.5 \%$ | $82.4 \%$ | $85.2 \%$ |

*The term "responding schools" refers to schools submitting surveys with usable data - 647 schools submitted responses, but data from 28 schools that was clearly inaccurate based on the size of the school was excluded from analysis, as it would have skewed the data. From this point forward, in order to avoid needless repetition, "responding schools" will just be referred to as "schools".

Table 2. Sport Participation among General Student Population by Class and Gender - (\%) of Student Enrollment (Total \# Athletes / Total \# Students Enrolled)

| Gender | Class A |  |  | Class B |  |  | Class C |  |  | Class D |  |  | Classes Combined |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{\|l\|} \hline \text { Total } \\ \text { Athletes } \end{array}$ | $\begin{aligned} & \hline \text { Student } \\ & \text { Enrollment } \end{aligned}$ | \% | Total Athletes | $\begin{aligned} & \text { Student } \\ & \text { Enrollment } \end{aligned}$ | \% | Total Athletes | $\begin{array}{\|l\|} \hline \text { Student } \\ \text { Enrollment } \end{array}$ | \% | Total Athletes | $\begin{aligned} & \text { Student } \\ & \text { Enrollment } \end{aligned}$ | \% | $\begin{array}{\|l\|} \hline \text { Total } \\ \text { Athletes } \end{array}$ |  | \% |
| Boys | 44,872 | 105,771 | 42.4\% | 21,381 | 44,022 | 48.6\% | 10,715 | 20,688 | 51.8\% | 4,447 | 8,153 | 54.5\% | 81,415 | 178,634 | 45.6\% |
| Girls | 35,046 | 101,124 | 34.7\% | 17,661 | 42,660 | 41.4\% | 9,082 | 19,798 | 45.9\% | 3,937 | 7,665 | 51.4\% | 65,726 | 171,247 | 38.4\% |
| Combined | 79,918 | 206,895 | 38.6\% | 39,042 | 86,682 | 45.0\% | 19,797 | 40,486 | 48.9\% | 8,384 | 15,818 | 53.0\% | 147,141 | 349,881 | 42.1\% |

Table 3. Multi-Sport Participation among Athlete Population by Class and Gender - (\%) of Athlete Population (\# of Multi-Sport Athletes / Total \# Athletes)

|  | Class A |  |  | Class B |  |  | Class C |  |  | Class D |  |  | Classes Combined |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | \# MultiSport Athletes | Total Athletes | \% | \# MultiSport Athletes | Total Athletes | \% | \# MultiSport Athletes | Total Athletes | \% | \# MultiSport Athletes | Total Athletes | \% | \# MultiSport Athletes | Total Athletes | \% |
| Boys | 17,801 | 44,872 | 39.7\% | 11,437 | 21,381 | 53.5\% | 6,587 | 10,715 | 61.5\% | 2,810 | 4,447 | 63.2\% | 38,635 | 81,415 | 47.5\% |
| Girls | 11,651 | 35,046 | 33.2\% | 7,925 | 17,661 | 44.9\% | 5,103 | 9,082 | 56.2\% | 2,430 | 3,937 | 61.7\% | 27,109 | 65,726 | 41.2\% |
| Combined | 29,452 | 79,918 | 36.9\% | 19,362 | 39,042 | 49.6\% | 11,690 | 19,797 | 59.0\% | 5,240 | 8,384 | 62.5\% | 65,744 | 147,141 | 44.7\% |

Table 4. Number of Sports Played among Athlete Population by Class and Gender - (\%) of Athlete Population (\# of athletes participating in that number of sports / total \# of athletes)

| Class A |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | Total Athletes | Single Sport | \% | 2 Sports | \% | 3 Sports | \% | $4 \text { or More }$ Sports | \% | TOTAL Multi-sport Athletes | \% |
| Boys | 44,872 | 27,071 | 60.3\% | 13,870 | 30.9\% | 3,824 | 8.5\% | 107 | 0.2\% | 17,801 | 39.7\% |
| Girls | 35,046 | 23,395 | 66.8\% | 9,458 | 27.0\% | 2,077 | 5.9\% | 116 | 0.3\% | 11,651 | 33.2\% |
| Combined | 79,918 | 50,466 | 63.1\% | 23,328 | 29.2\% | 5,901 | 7.4\% | 223 | 0.3\% | 29,452 | 36.9\% |
| Class B |  |  |  |  |  |  |  |  |  |  |  |
| Gender | Total Athletes | Single Sport | \% | 2 Sports | \% | 3 Sports | \% | $4 \text { or More }$ Sports | \% | TOTAL Multi-sport Athletes | \% |
| Boys | 21,381 | 9,944 | 46.5\% | 7,947 | 37.2\% | 3,327 | 15.6\% | 163 | 0.8\% | 11,437 | 53.5\% |
| Girls | 17,661 | 9,736 | 55.1\% | 5,926 | 33.6\% | 1,879 | 10.6\% | 120 | 0.7\% | 7,925 | 44.9\% |
| Combined | 39,042 | 19,680 | 50.4\% | 13,873 | 35.5\% | 5,206 | 13.3\% | 283 | 0.7\% | 19,362 | 49.6\% |
| Class C |  |  |  |  |  |  |  |  |  |  |  |
| Gender | Total Athletes | Single Sport | \% | 2 Sports | \% | 3 Sports | \% | $\begin{aligned} & \hline 4 \text { or More } \\ & \text { Sports } \end{aligned}$ | \% | TOTAL Multi-sport Athletes | \% |
| Boys | 10,715 | 4,128 | 38.5\% | 3,856 | 36.0\% | 2,377 | 22.2\% | 354 | 3.3\% | 6,587 | 61.5\% |
| Girls | 9,082 | 3,979 | 43.8\% | 3,228 | 35.5\% | 1,646 | 18.1\% | 229 | 2.5\% | 5,103 | 56.2\% |
| Combined | 19,797 | 8,107 | 41.0\% | 7,084 | 35.8\% | 4,023 | 20.3\% | 583 | 2.9\% | 11,690 | 59.0\% |
| Class D |  |  |  |  |  |  |  |  |  |  |  |
| Gender | Total Athletes | Single Sport | \% | 2 Sports | \% | 3 Sports | \% | $\begin{aligned} & \hline 4 \text { or More } \\ & \text { Sports } \end{aligned}$ | \% | TOTAL Multi-sport Athletes | \% |
| Boys | 4,447 | 1,633 | 36.7\% | 1,553 | 34.9\% | 1,034 | 23.3\% | 223 | 5.0\% | 2,810 | 63.2\% |
| Girls | 3,937 | 1,507 | 38.3\% | 1,340 | 34.0\% | 873 | 22.2\% | 217 | 5.5\% | 2,430 | 61.7\% |
| Combined | 8,384 | 3,140 | 37.5\% | 2,893 | 34.5\% | 1,907 | 22.7\% | 440 | 5.2\% | 5,240 | 62.5\% |
| Classes Combined |  |  |  |  |  |  |  |  |  |  |  |
| Gender | Total Athletes | Single Sport | \% | 2 Sports | \% | 3 Sports | \% | 4 or More Sports | \% | TOTAL Multi-sport Athletes | \% |
| Boys | 81,415 | 42,776 | 52.5\% | 27,226 | 33.4\% | 10,562 | 13.0\% | 847 | 1.0\% | 38,635 | 47.5\% |
| Girls | 65,726 | 38,617 | 58.8\% | 19,952 | 30.4\% | 6,475 | 9.9\% | 682 | 1.0\% | 27,109 | 41.2\% |
| Combined | 147,141 | 81,393 | 55.3\% | 47,178 | 32.1\% | 17,037 | 11.6\% | 1,529 | 1.0\% | 65,744 | 44.7\% |

Table 5. Sport Participation among General Student Population at Class A Schools by Enrollment and Gender - (\%) of Student Enrollment (Total \# Athletes / Total \# Students Enrolled)

| Gender | Enrollment less than 1,000 |  |  | Enrollment 1,000-1,500 |  |  | Enrollment 1,501-2,000 |  |  | Enrollment over 2,000 |  |  | All Class A Combined |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total Athletes | Student Enrollment | \% | Total Athletes | Student Enrollment | \% | Total Athletes | Student Enrollment | \% | Total Athletes | Student Enrollment | \% | Total Athletes | Student Enrollment | \% |
| Boys | 9,268 | 19,714 | 47.0\% | 16,750 | 39,522 | 42.4\% | 10,946 | 27,992 | 39.1\% | 7,908 | 18,543 | 42.6\% | 44,872 | 105,771 | 42.4\% |
| Girls | 6,316 | 16,971 | 37.2\% | 13,593 | 38,237 | 35.5\% | 9,005 | 27,123 | 33.2\% | 6,132 | 18,793 | 32.6\% | 35,046 | 101,124 | 34.7\% |
| Combined | 15,584 | 36,685 | 42.5\% | 30,343 | 77,759 | 39.0\% | 19,951 | 55,115 | 36.2\% | 14,040 | 37,336 | 37.6\% | 79,918 | 206,895 | 38.6\% |

Table 6. Multi-Sport Participation among Athlete Population at Class A Schools by Class and Gender - (\%) of Athlete Population (\# of Multi-Sport Athletes / Total \# Athletes)

|  | Enrollment less than 1,000 |  |  | Enrollment 1,000-1,500 |  |  | Enrollment 1,501-2,000 |  |  | Enrollment over 2,000 |  |  | All Class A Combined |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gender | \# MultiSport Athletes | Total Athletes | \% | \# MultiSport Athletes | Total Athletes | \% | \# MultiSport Athletes | Total Athletes | \% | \# MultiSport Athlete | Total Athletes | \% | \# MultiSport Athletes | Student Enrollment | \% |
| Boys | 4,338 | 9,268 | 46.8\% | 7,220 | 16,750 | 43.1\% | 3,860 | 10,946 | 35.3\% | 2,383 | 7,908 | 30.1\% | 17,801 | 44,872 | 39.7\% |
| Girls | 2,674 | 6,316 | 42.3\% | 4,858 | 13,593 | 35.7\% | 2,597 | 9,005 | 28.8\% | 1,522 | 6,132 | 24.8\% | 11,651 | 35,046 | 33.2\% |
| Combined | 7,012 | 15,584 | 45.0\% | 12,078 | 30,343 | 39.8\% | 6,457 | 19,951 | 32.4\% | 3,905 | 14,040 | 27.8\% | 29,452 | 79,918 | 36.9\% |

Table 7. Top 10\% of Class A Schools with Regard to Multi-Sport Participation (Ranked by \% of Multi-Sport Athlete Population - Boys and Girls Data Combined)

| Rank | School | Total <br> Boy <br> Athletes | \# Boy <br> Mutti-Sport <br> Athletes | $\%$ Multi- <br> Sport Boy <br> Athletes | Total Girl <br> Athletes | \# Girl <br> Multi- <br> Sport <br> Athletes | $\%$ Multi- <br> Sport Girl <br> Athletes | Total <br> Athletes <br> ( | Total <br> Multi- <br> Sport <br> Athletes | \% Multi- <br> Sport <br> Athletes |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Sterling Heights | 149 | 124 | $83.2 \%$ | 131 | 116 | $88.5 \%$ | 280 | 240 | $85.7 \%$ |
| 2 | Grand Rapids Union | 288 | 246 | $85.4 \%$ | 181 | 148 | $81.8 \%$ | 469 | 394 | $84.0 \%$ |
| 3 | Livonia Franklin | 277 | 205 | $74.0 \%$ | 228 | 164 | $71.9 \%$ | 505 | 369 | $73.1 \%$ |
| 4 | Battle Creek Harper Creek | 248 | 173 | $69.8 \%$ | 188 | 138 | $73.4 \%$ | 436 | 311 | $71.3 \%$ |
| 5 | Flint Southwestern | 52 | 35 | $67.3 \%$ | 31 | 22 | $71.0 \%$ | 83 | 57 | $68.7 \%$ |
| 6 | Grand Rapids Northview | 293 | 201 | $68.6 \%$ | 252 | 165 | $65.5 \%$ | 545 | 366 | $67.2 \%$ |
| 7 | Parma Western | 251 | 193 | $76.9 \%$ | 246 | 117 | $47.6 \%$ | 497 | 310 | $62.4 \%$ |
| 8 | Portage Northern | 418 | 281 | $67.2 \%$ | 296 | 150 | $50.7 \%$ | 714 | 431 | $60.4 \%$ |
| 9 | East Grand Rapids | 291 | 179 | $61.5 \%$ | 232 | 112 | $48.3 \%$ | 523 | 291 | $55.6 \%$ |
| 10 | Flint Kearsley | 260 | 145 | $55.8 \%$ | 265 | 145 | $54.7 \%$ | 525 | 290 | $55.2 \%$ |
| 11 | Detroit Cass Tech | 382 | 207 | $54.2 \%$ | 229 | 122 | $53.3 \%$ | 611 | 329 | $53.8 \%$ |
| 12 | Bay City Central | 185 | 102 | $55.1 \%$ | 165 | 86 | $52.1 \%$ | 350 | 188 | $53.7 \%$ |
| 13 | Warren Fitzgerald | 177 | 95 | $53.7 \%$ | 133 | 66 | $49.6 \%$ | 310 | 161 | $51.9 \%$ |
| 14 | Bloomfield Hills Brother Rice | 412 | 213 | $51.7 \%$ | 0 | 0 | $0.0 \%$ | 412 | 213 | $51.7 \%$ |
| 15 | Marquette | 252 | 135 | $53.6 \%$ | 223 | 110 | $49.3 \%$ | 475 | 245 | $51.6 \%$ |

Table 8. Top 10\% of Class B Schools with Regard to Multi-Sport Participation (Ranked by \% of Multi-Sport Athlete Population - Boys and Girls Data Combined)

| Rank | School | Total Boy <br> Athletes | \# Boy Multi- <br> Sport <br> Athletes | \% Multi- <br> Sport <br> Bool <br> Athles | Total Girl <br> Athletes | \# Girl <br> Multi-Sport <br> Athletes | \% Multi- <br> Sport Girl <br> Athletes | Total <br> Athletes | Total <br> Mutti-Sport <br> Athletes | \% Multi- <br> Sporti <br> Athletes |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Warren Michigan Collegiate | 80 | 70 | $87.5 \%$ | 55 | 45 | $81.8 \%$ | 135 | 115 | $85.2 \%$ |
| 2 | Detroit Cody | 110 | 100 | $90.9 \%$ | 80 | 60 | $75.0 \%$ | 190 | 160 | $84.2 \%$ |
| 3 | Battle Creek Pennfield | 279 | 221 | $79.2 \%$ | 197 | 167 | $84.8 \%$ | 476 | 388 | $81.5 \%$ |
| 4 | Mason County Central | 74 | 55 | $74.3 \%$ | 71 | 54 | $76.1 \%$ | 145 | 109 | $75.2 \%$ |
| 5 | Manistee | 111 | 88 | $79.3 \%$ | 127 | 90 | $70.9 \%$ | 238 | 178 | $74.8 \%$ |
| 6 | Constantine | 106 | 81 | $76.4 \%$ | 49 | 34 | $69.4 \%$ | 155 | 115 | $74.2 \%$ |
| 7 | Three Rivers | 265 | 199 | $75.1 \%$ | 230 | 156 | $67.8 \%$ | 495 | 355 | $71.7 \%$ |
| 8 | Dowagiac | 90 | 66 | $73.3 \%$ | 89 | 62 | $69.7 \%$ | 179 | 128 | $71.5 \%$ |
| 9 | Reed City | 89 | 68 | $76.4 \%$ | 53 | 33 | $62.3 \%$ | 142 | 101 | $71.1 \%$ |
| 10 | Detroit Mumford | 82 | 54 | $65.9 \%$ | 46 | 36 | $78.3 \%$ | 128 | 90 | $70.3 \%$ |
| 11 | Mt Morris | 98 | 65 | $66.3 \%$ | 59 | 40 | $67.8 \%$ | 157 | 105 | $66.9 \%$ |
| 12 | St Clair Shores South Lake | 91 | 55 | $60.4 \%$ | 101 | 71 | $70.3 \%$ | 192 | 126 | $65.6 \%$ |
| 13 | Onsted | 105 | 74 | $70.5 \%$ | 79 | 46 | $58.2 \%$ | 184 | 120 | $65.2 \%$ |
| 14 | Chesaning | 116 | 70 | $60.3 \%$ | 82 | 55 | $67.1 \%$ | 198 | 125 | $63.1 \%$ |
| 15 | Clare | 159 | 107 | $67.3 \%$ | 113 | 60 | $53.1 \%$ | 272 | 167 | $61.4 \%$ |

Table 9. Top 10\% of Class C Schools with Regard to Multi-Sport Participation (Ranked by \% of Multi-Sport Athlete Population - Boys and Girls Data Combined)

| Rank | School | Total Boy Athletes | \# Boy Multi-Sport Athletes | \% MultiSport Boy Athletes | Total Girl Athletes | $\begin{aligned} & \hline \text { \# Girl Multi- } \\ & \text { Sport } \\ & \text { Athletes } \\ & \hline \end{aligned}$ | \% MultiSport Girl Athletes | Total Athletes | Total Multi Sport Athletes | \% Multi- <br> Sport <br> Athletes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Jackson Lumen Christi | 136 | 130 | 95.6\% | 103 | 91 | 88.3\% | 239 | 221 | 92.5\% |
| 2 | Delton Kellogg | 60 | 56 | 93.3\% | 57 | 52 | 91.2\% | 117 | 108 | 92.3\% |
| 3 | Decatur | 45 | 38 | 84.4\% | 42 | 37 | 88.1\% | 87 | 75 | 86.2\% |
| 4 | Muskegon Western Michigan Christian | 85 | 75 | 88.2\% | 71 | 56 | 78.9\% | 156 | 131 | 84.0\% |
| 5 | Indian River Inland Lakes | 34 | 29 | 85.3\% | 38 | 31 | 81.6\% | 72 | 60 | 83.3\% |
| 6 | Detroit Crockett Midtown Science \& Medicine | 55 | 45 | 81.8\% | 30 | 25 | 83.3\% | 85 | 70 | 82.4\% |
| 7 | Martin | 69 | 57 | 82.6\% | 55 | 43 | 78.2\% | 124 | 100 | 80.6\% |
| 8 | LeRoy Pine River | 40 | 35 | 87.5\% | 45 | 33 | 73.3\% | 85 | 68 | 80.0\% |
| 9 | Manton | 72 | 58 | 80.6\% | 62 | 46 | 74.2\% | 134 | 104 | 77.6\% |
| 10 | Potterville | 68 | 48 | 70.6\% | 63 | 53 | 84.1\% | 131 | 101 | 77.1\% |
| 11 | Ironwood | 47 | 40 | 85.1\% | 69 | 49 | 71.0\% | 116 | 89 | 76.7\% |
| 12 | Detroit Community | 85 | 63 | 74.1\% | 31 | 26 | 83.9\% | 116 | 89 | 76.7\% |
| 13 | Ottawa Lake Whiteford | 55 | 44 | 80.0\% | 47 | 34 | 72.3\% | 102 | 78 | 76.5\% |
| 14 | Shelby | 130 | 100 | 76.9\% | 115 | 85 | 73.9\% | 245 | 185 | 75.5\% |
| 15 | Manchester | 91 | 69 | 75.8\% | 66 | 48 | 72.7\% | 157 | 117 | 74.5\% |

Table 10. Top 10\% of Class D Schools with Regard to Multi-Sport Participation (Ranked by \% of Multi-Sport Athlete Population Boys and Girls Data Combined)

| Rank | School | Total Boy Athletes | \# Boy <br> Sport <br> Athletes | \% MultiSport Boy Athletes | Total Girl Athletes | \# Girl <br> Muiti- <br> Sport Athlete <br> Athetes | \% MultiSport Gir Athletes | Total Athletes | Total <br> Muti- <br> Sport <br> Ahletes | \% MultiApor Athlete |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Coldwater Pansophia Academy | 10 | 10 | 100.0\% | 10 | 10 | 100.0\% | 20 | 20 | 100.0\% |
| 2 | Carney-Nadeau | 34 | 32 | 94.1\% | 33 | 31 | 93.9\% | 67 | 63 | 94.0\% |
| 3 | Brighton Livingston Christian | 23 | 22 | 95.7\% | 22 | 18 | 81.8\% | 45 | 40 | 88.9\% |
| 4 | Carsonville-Port Sanilac | 29 | 26 | 89.7\% | 15 | 13 | 86.7\% | 44 | 39 | 88.6\% |
| 5 | Holland Calvary | 7 | 7 | 100.0\% | 16 | 13 | 81.3\% | 23 | 20 | 87.0\% |
| 6 | Lake Leelanau St Mary | 19 | 17 | 89.5\% | 17 | 14 | 82.4\% | 36 | 31 | 86.1\% |
| 7 | Manistee Catholic Central | 11 | 10 | 90.9\% | 10 | 8 | 80.0\% | 21 | 18 | 85.7\% |
| 8 | Mackinac Island | 11 | 9 | 81.8\% | 9 | 8 | 88.9\% | 20 | 17 | 85.0\% |
| 9 | Bloomfield Hills Academy of the Sacred Heart | 0 | 0 | 0\% | 59 | 50 | 84.7\% | 59 | 50 | 84.7\% |
| 10 | Westland Hope Christian Academy | 24 | 19 | 79.2\% | 15 | 14 | 93.3\% | 39 | 33 | 84.6\% |
| 11 | Mount Pleasant Sacred Heart | 36 | 33 | 91.7\% | 34 | 26 | 76.5\% | 70 | 59 | 84.3\% |
| 12 | Atlanta | 17 | 15 | 88.2\% | 20 | 16 | 80.0\% | 37 | 31 | 83.8\% |
| 13 | Hillsdale Academy | 46 | 36 | 78.3\% | 48 | 41 | 85.4\% | 94 | 77 | 81.9\% |
| 14 | Detroit Douglass | 31 | 25 | 80.6\% | 0 | 0 | \#DIV/0! | 31 | 25 | 80.6\% |

